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Symposium on Undergraduate Research and
Creative Expression (SOURCE)

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Research

Spring 5-14-2020

Choices! Helping Clients Beat Addiction

Michael Kumicich

michael.kumicich@valpo.edu

Cameron Hoyt

cameron.hoyt@valpo.edu

Mirica Yancey

mirica.yancey@valpo.edu

Shreedhar Pandey

shreedhar.pandey@valpo.edu

Sanam Maharjan

sanam.maharjan@valpo.edu

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Recommended Citation

Kumicich, Michael; Hoyt, Cameron; Yancey, Mirica; Pandey, Shreedhar; and Maharjan, Sanam, "Choices! Helping Clients Beat Addiction" (2020). *Symposium on Undergraduate Research and Creative Expression (SOURCE)*. 856.

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Choices! Helping Clients Beat Addiction

Michael Kumicich, Mirica Yancey, Cameron Hoyt, Shreedhar Pandey, Sanam Maharjan

Abstract

Substance abuse is a severe problem that affects individuals in many life altering ways. To aid clients on their road to recovery, our team has created the mobile application “Choices!” This tool was created using the Ionic 4 framework and works with both iOS and Android devices. This application has a three-permission system where an administrator creates a group and adds agents and clients to said group. The administrator has authority over and can see all actions of the agents in their group, who have that same power over all the clients they are assigned to. The agents’ will monitor the clients as they complete assignments, update their journal, work toward their goals, and log their cravings and the positive steps they take for their well-being. This application will help individuals recovering from substance-abuse to stay on track towards recovery and a better, more fulfilling life.

Pages

Impulses

- Clients can list impulses such as cravings
- Clients can sort the order of impulses in the list
- Agents and Administrators can view clients’ impulses

Journal

- Clients can add journal entries
- Clients can sort the order of entries in the list
- Agents and Administrators can view Clients’ entries

Agenda

- Clients can log productive things they’ve done
- Agents and administrators can congratulate clients on their achievements with medals

Assignment

- Agents and administrators can add assignments for clients
- Assignments can be specified for who they’re assigned to, as opposed to the whole group

Supplemental Information

Acknowledgements

- Professor Paula Dranger , MSW, LCSW, MAC (Client)
- Professor Nicholas Rosasco DSc (Advisor)
- Ionic 4 Framework
- <https://ionicframework.com/docs>

Future Work

- Upload app to Apple’s App Store
- Upload app to Google Play
- Add HIPAA Compliant Security

Other Features

- Login and Registration pages
- Users’ ability to add contacts and call them
- Administrator’s list of users



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